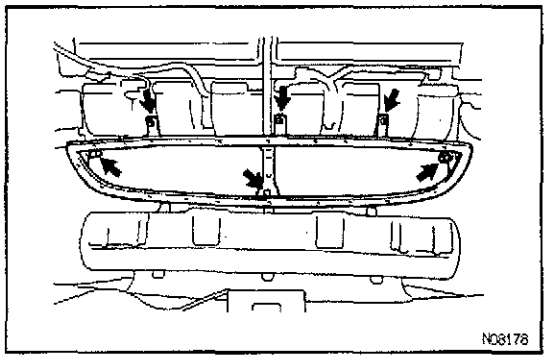
COOLING UNIT

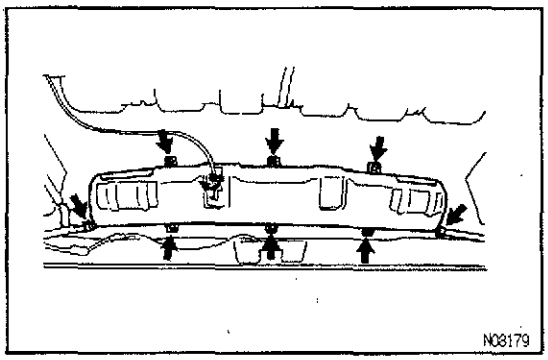
AC0UF-01

COOLING UNIT REMOVAL

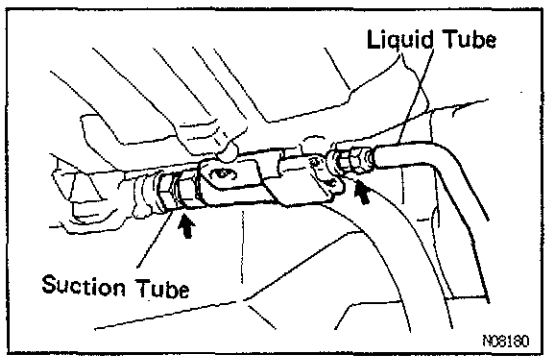
1. DISCONNECT NEGATIVE CABLE FROM BATTERY
2. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM
3. REMOVE ROOF HEADLINING
(See page BO–76)



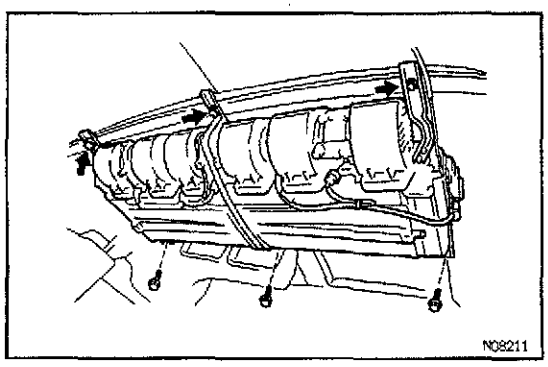
4. REMOVE INSIDE AIR DAMPER BRACKET
(a) Remove the 3 bolts and the 3 screws.
(b) Remove the inside air damper bracket.



5. REMOVE OUTSIDE AIR DAMPER ASSEMBLY
(a) Remove the 2 drain hose and disconnect the outside air damper servo cable.
(b) Remove the 6 bolts and the outside air damper assembly.
6. DISCONNECT CONNECTORS
7. REMOVE AIR OUTLET DUCT



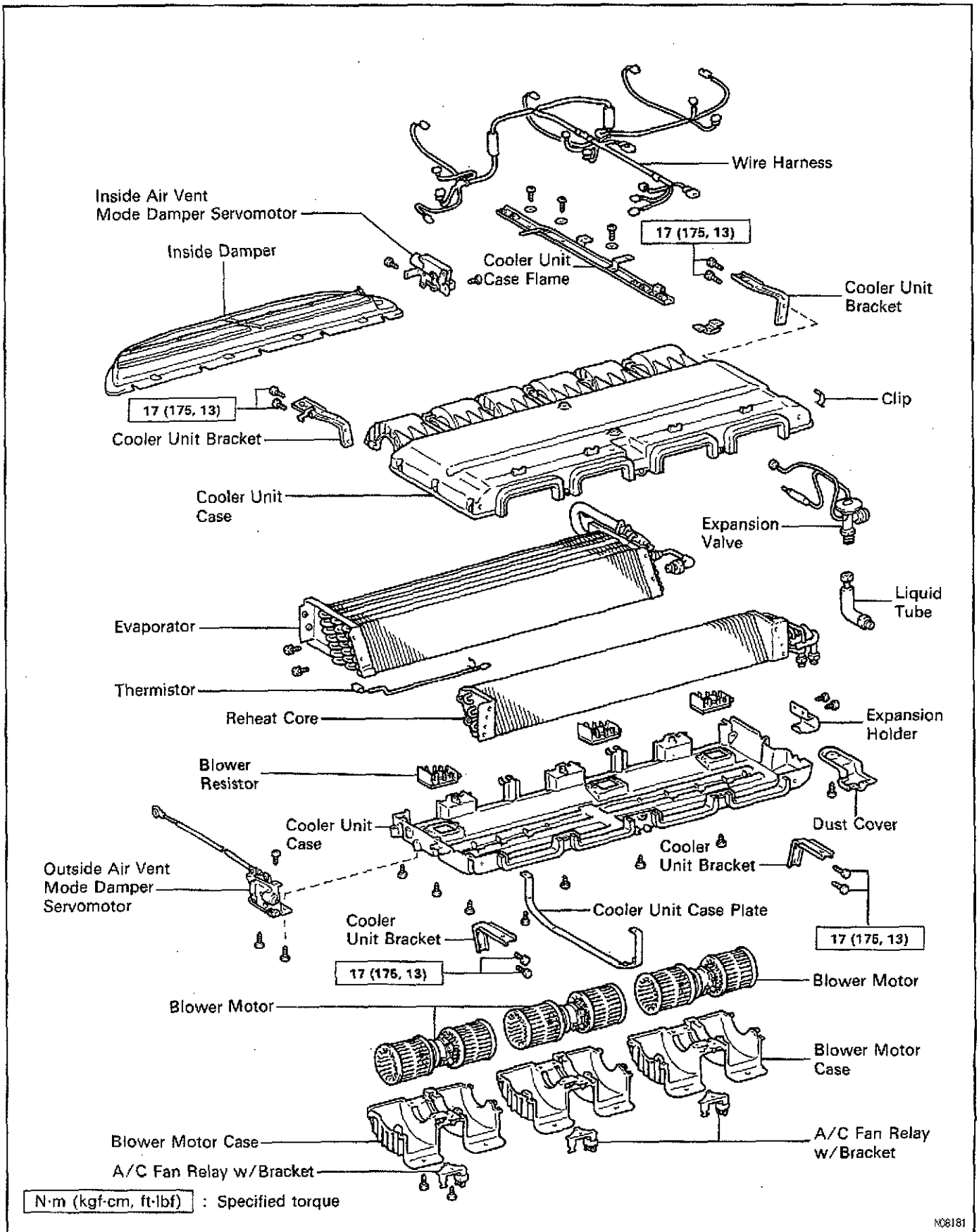
8. DISCONNECT SUCTION TUBE AND LIQUID TUBE FROM COOLING UNIT FITTING
HINT: Cap the open fitting immediately to keep moisture out of the system.

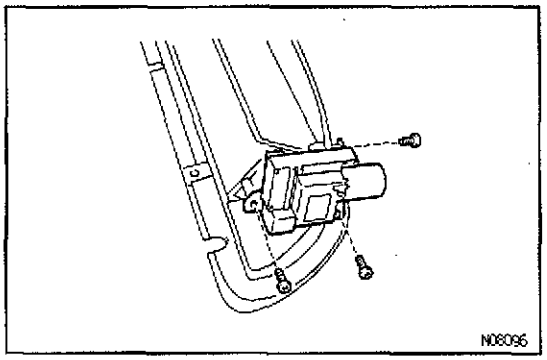


9. REMOVE COOLING UNIT
(a) Disconnect the connectors.
(b) Remove the 6 bolts and the cooling unit.

AC0UG-01

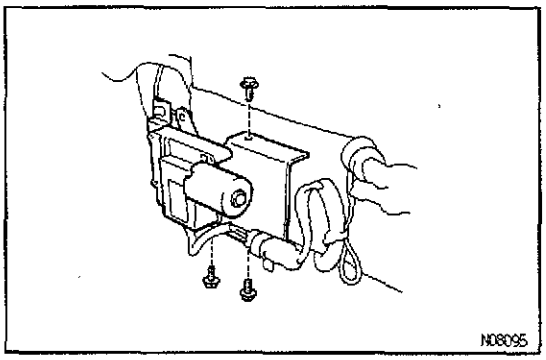
COOLING UNIT DISASSEMBLY





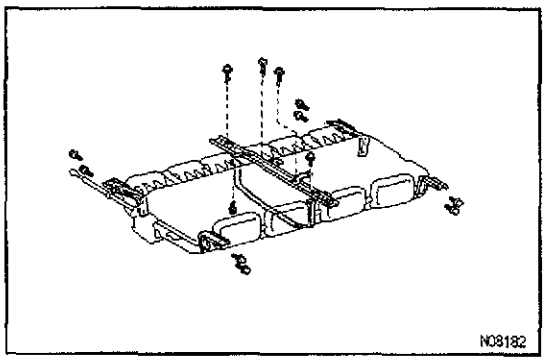
1. REMOVE INSIDE AIR VENT DAMPER CONTROL SERVOMOTOR

Remove the 3 bolts and the servomotor.



2. REMOVE OUTSIDE AIR VENT DAMPER CONTROL SERVOMOTOR

Remove the 3 bolts and the servomotor.



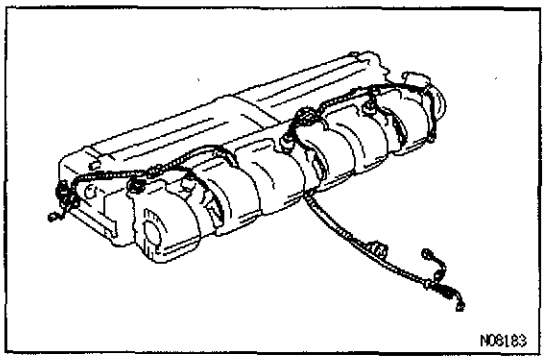
3. REMOVE AIR CONDITIONING BRACKETS

(a) Remove the 10 bolts and the 3 screws.

(b) Remove the wire harness clamp.

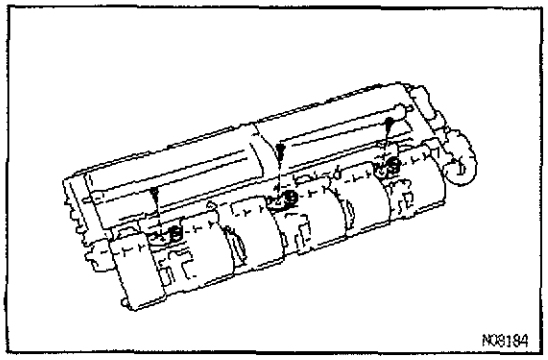
(c) Remove the brackets.

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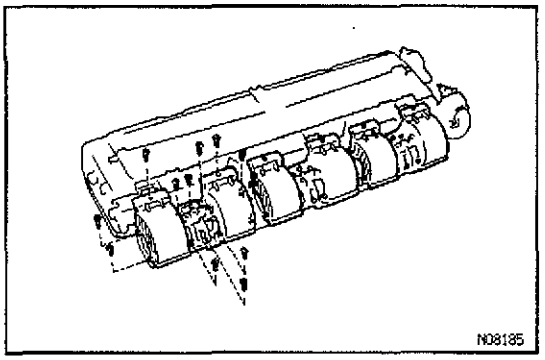
4. REMOVE WIRE HARNESS

Disconnect the 10 connectors and the wire harness.



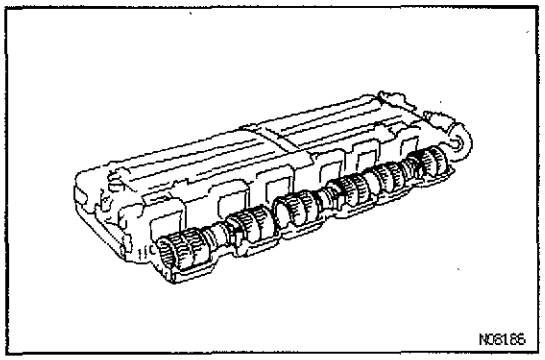
5. REMOVE A/C FAN RELAY

Remove the 3 screws and the 3 A/C fan relays.

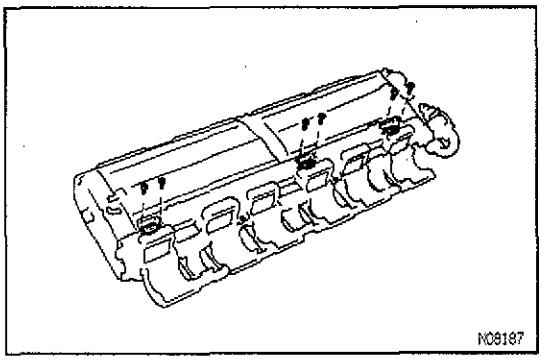


6. REMOVE BLOWER MOTOR

(a) Remove the 12 screws and the blower motor case.

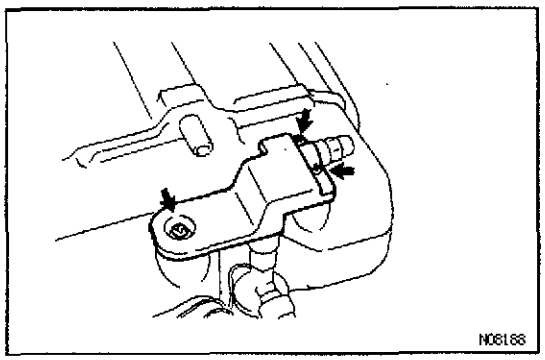


(b) Remove the blower motor.



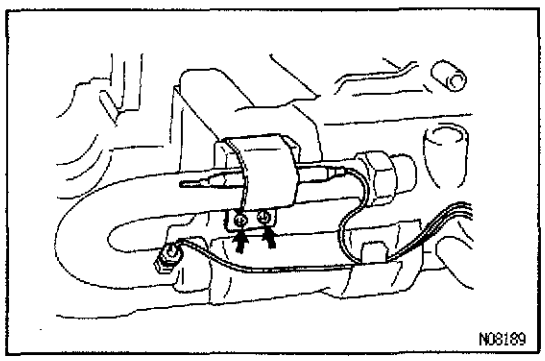
7. REMOVE BLOWER RESISTOR

Remove the 6 screws and the 3 blower resistors.



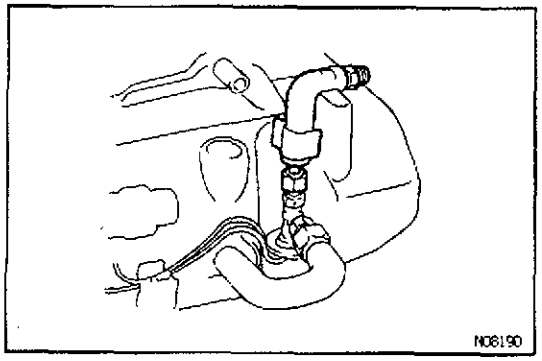
8. REMOVE EXPANSION VALVE

(a) Remove the 3 screws and the dust cover.

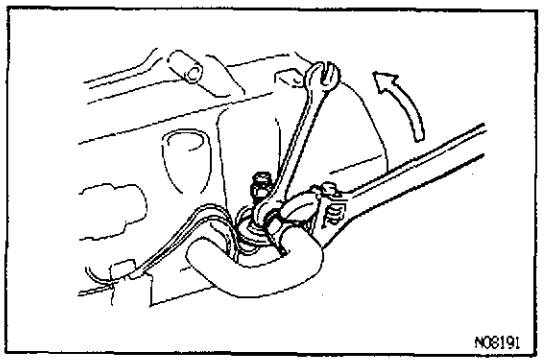


(b) Remove the 2 union nuts.

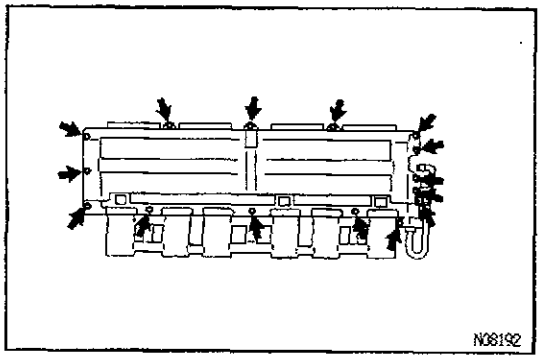
(c) Remove the 2 screws and the expansion valve holder.



(d) Disconnect the liquid tube.

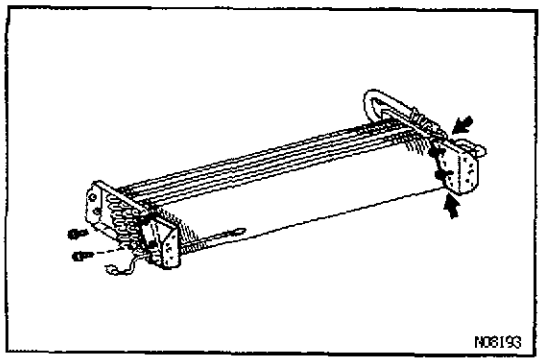


(e) Remove the union nut and the expansion valve.



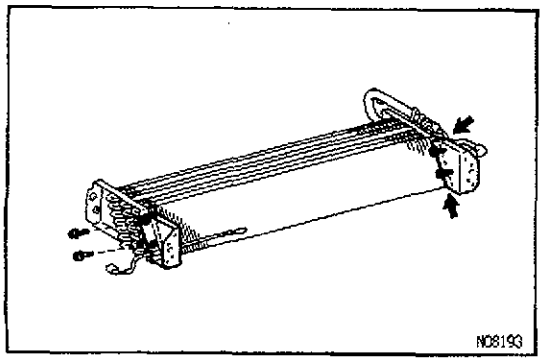
9. REMOVE EVAPORATOR

(a) Remove the 14 screws and the C–ring.
(b) Remove the air conditioning case and the evaporator.



10. REMOVE THERMISTOR

(a) Remove the 4 bolts and the evaporator bracket.
(b) Remove the thermistor.

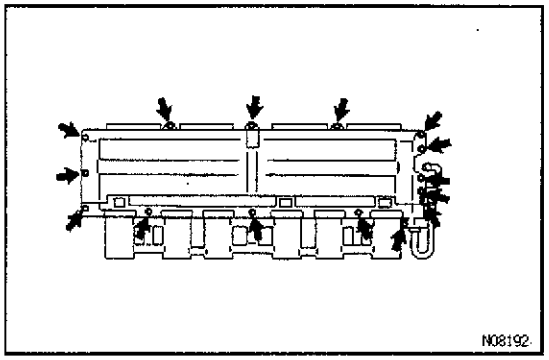


COOLING UNIT ASSEMBLY

AC0UH–01

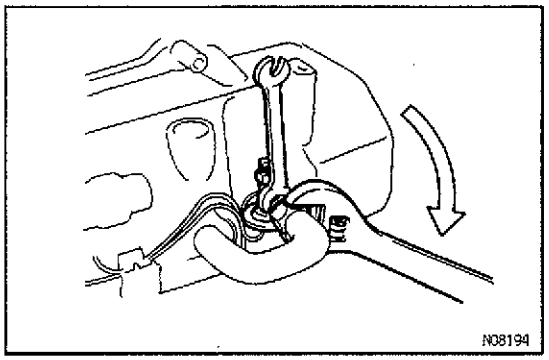
1. INSTALL THERMISTOR

(a) Install the thermistor.
(b) Install the evaporator bracket with the 4 bolts.



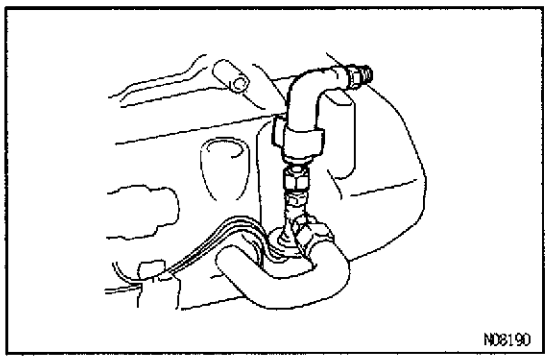
2. INSTALL EVAPORATOR

(a) Install the air conditioning case and the evaporator.
(b) Install the C–ring and the evaporator.

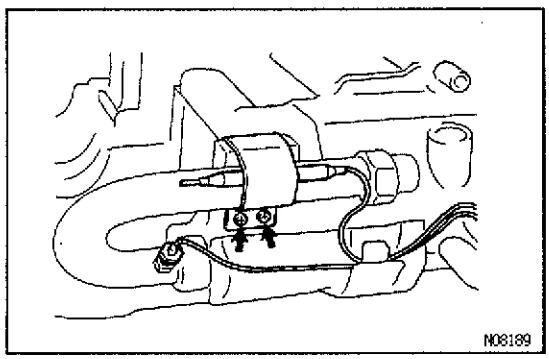


3. INSTALL EXPANSION VALVE TO EVAPORATOR

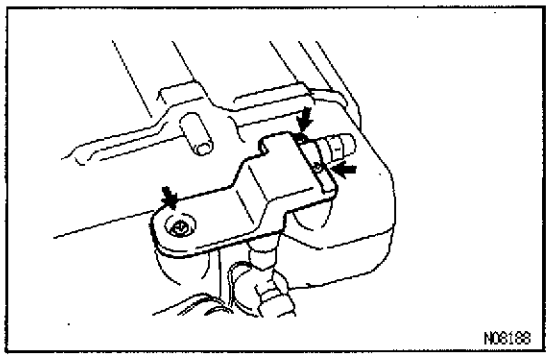
(a) Install the expansion valve to the evaporator.
Torque: 13 N·m (135 kgf·cm, 10 ft·lbf)



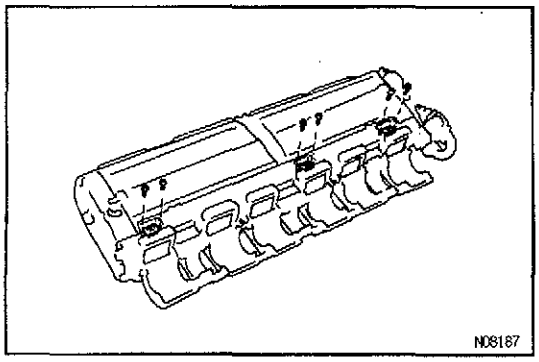
(b) Connect the liquid tube.
Torque: 13 N·m (135 kgf·cm, 10 ft·lbf)



(c) Install the expansion valve holder.
(d) Install the 2 union nuts.

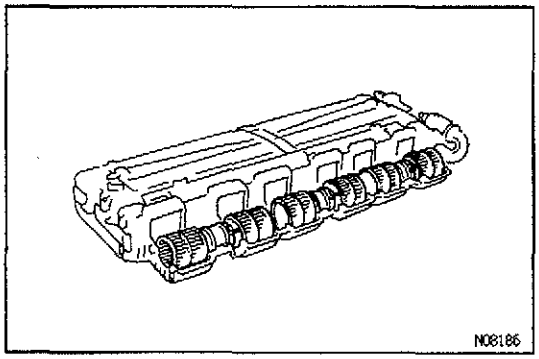


(e) Install the duct cover with the 3 screws.



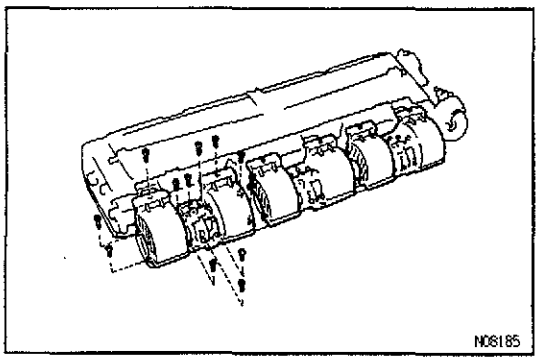
4. INSTALL BLOWER RESISTORS

Install the 3 blower resistors with the 6 screws.



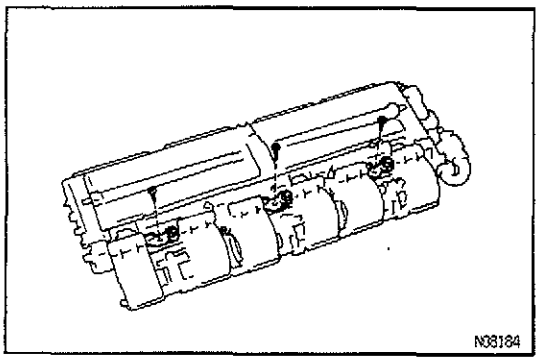
5. INSTALL BLOWER MOTOR CASE

(a) Install the blower motor.



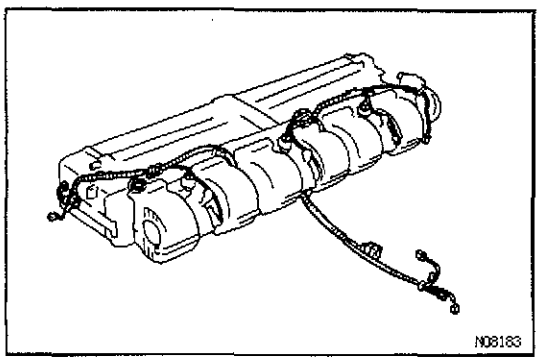
(b) Install the blower motor case with the 12 screws.

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6. INSTALL A/C FAN RELAY

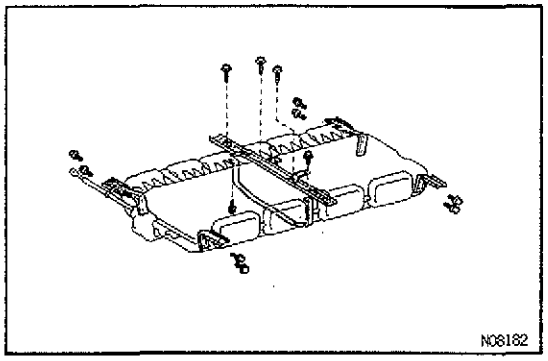
Install the 3 A/C fan relay with the 3 screws.



7. INSTALL WIRE HARNESS

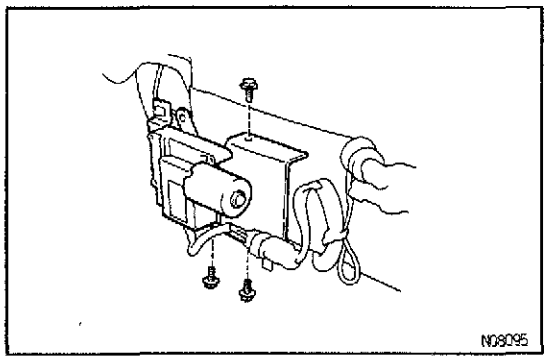
(a) Install the wire harness.

(b) Connect the 10 connectors.



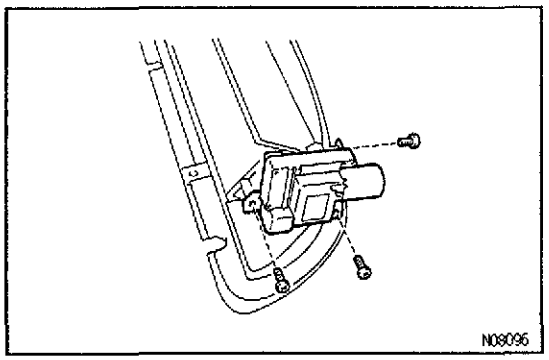
8. INSTALL AIR CONDITIONING BRACKETS

(a) Install the air conditioning brackets.
(b) Install the wire harness clamp.
(c) Install the 3 screws and the 10 bolts.



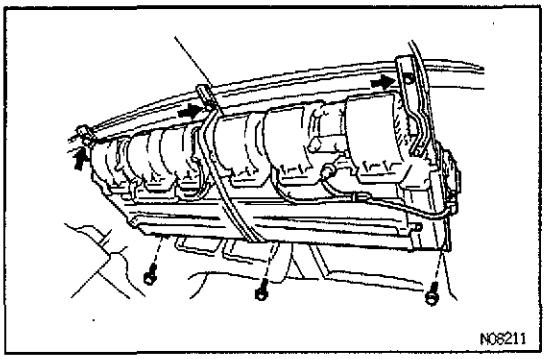
9. INSTALL OUTSIDE AIR VENT MODE CONTROL SERVOMOTOR

Install the servomotor with the 3 bolts.



10. INSTALL INSIDE AIR VENT MODE CONTROL SERVOMOTOR

Install the servomotor with the 3 bolts.



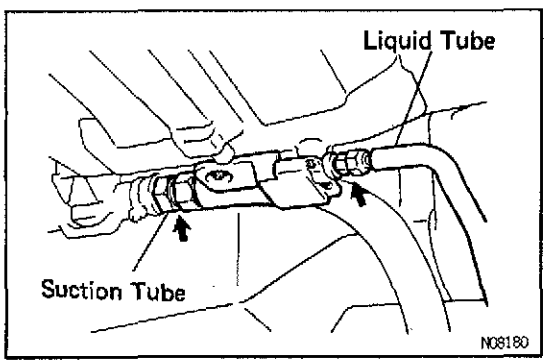
AC0IJJ-01

COOLING UNIT INSTALLATION

1. INSTALL COOLING UNIT

Install the cooling unit with the 6 bolts, as shown in the illustration.

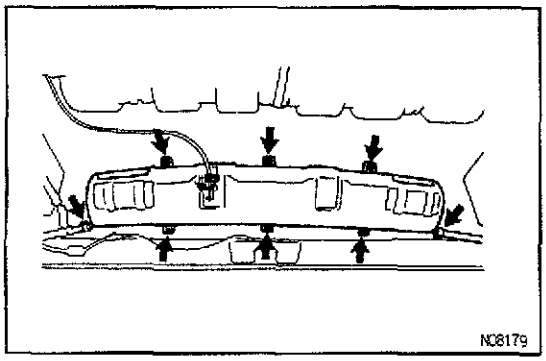
Torque: 17 N·m (175 kgf·cm, 13 ft·lbf)



2. CONNECT SUCTION TUBE AND LIQUID TUBE TO COOLING UNIT FITTING

Torque:

Suction tube 42 N·m (425 kgf·cm, 31 ft·lbf)
Liquid tube 13 N·m (135 kgf·cm, 10 ft·lbf)



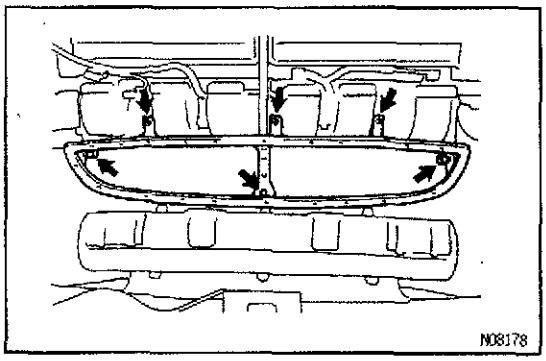
3. INSTALL AIR OUTLET DUCT

4. CONNECT CONNECTORS

5. INSTALL OUTSIDE AIR DAMPER ASSEMBLY

(a) Install the 6 bolts and the outside air damper assembly.

(b) Connect the outside air damper servo cable and install the 2 drain hoses.



6. INSTALL INSIDE AIR DAMPER BRACKET

7. INSTALL ROOF HEADLINING

(See page BO–76)

8. IF EVAPORATOR WAS REPLACED, ADD COMPRESSOR OIL TO COMPRESSOR

Add 40 – 50 cc (1.4 – 1.7 fl.oz.) Compressor oil:

ND – OIL 8

9. CONNECT NEGATIVE CABLE TO BATTERY

10. EVACUATE AIR FROM REFRIGERATION SYSTEM

11. CHARGE SYSTEM WITH REFRIGERANT AND INSPECT FOR LEAKAGE OF REFRIGERAINT

Specified amount:

2,000±50 g (70.54±1.76 oz.)